ACSIM Plans and Operations Division Sets Up New Office

In a move that transferred responsibility for managing all the real property related systems under a single office, ACSIM Plans and Operations Division reorganized and created a new Program Integration Office (PIO) under the leadership of Randy Klug. This office operates under the Director, Plans and Operations Division, Col. Porcelli and Stan Shelton, deputy director. The new office has the responsibility for:

- Integrated Facilities System (IFS)
- Real Property Analysis System (RPLANS)
- Army Stationing and Installation Profile (ASIP)
- Facility Planning System (FPS)
- Army Criteria Tracking System (ACTS)
- Installation Status Report (ISR)
- Executive Information System (EIS)

It is also the overall proponent for installation GIS, to include the GIS Repository project.

The IFS/HQEIS mission and functions transferred from HQUSACE to this new office on July 1st, 2001. This move was initiated as a result of an Army Audit Agency review of IFS. The review concluded that transferring the IFS/HQEIS missions and functions should result in the most efficient use of resources. IFS technical and functional system support will still be obtained from Software Engineering Center at Fort Lee (SEC-Lee), Virginia.

An organization chart of the new office is on page 13. The core of this new office comes from former elements of the Center for Public Works, primarily within Installation Support Division. This move eliminates the fragmented systems management and retains the technical and functional knowledge within the government. There will be no immediate changes for the newly established Program Integration Office (PIO); however, there are ongoing process reviews of the systems, which might effect Program Operations in the future. The IFS Management Team is located in the Kingman Building at Fort Belvoir. The IFS System's Team remains at their location at Fort Lee. The other teams remain at the Pentagon. The phone listing is on page 14.

Randy Klug is the acting chief of the Program Integration Office, Plans and Operations Division, ACSIM. He was previously the leader of the Operations Support Team.

July 2001

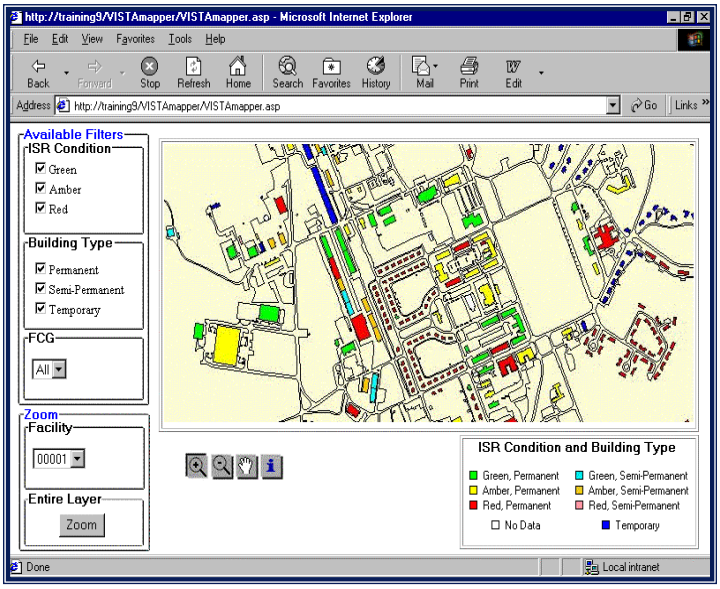
This is an unofficial publication of the Headquarters, Department of the Army, Assistant Chief of Staff for Installation Management, Plans and Operations Division, Systems Integration Office under AR 360-81. Editorial views and opinions expressed are not necessarily those of the Department of the Army.

GIS-R

By Jeri King

The Executive Information Systems team is currently working on a project called the GIS-Repository to provide a spatially enhanced decision support system that will cut across functional areas and provide a comprehensive picture of an installation. The long-term goal of this GIS effort is to create a centrally managed repository for installation data, which currently is maintained in several different locations not necessarily integrated. By selecting a limited set of geographic data templates, storing them in a more widely accessible data repository, and centrally serving them in a web-enabled application, the GIS-R will ensure consistent data and provide one auditable source for use when presenting data within or outside the Army.

By integrating these various layers, Facilities Managers can turn to ONE data source for a complete graphical view of their installation. This tool will support installation and MACOM managers, plus planners and policy makers at HQDA. It will be available through the HQ and Installation Executive Information Systems with differing levels of detail supplied.



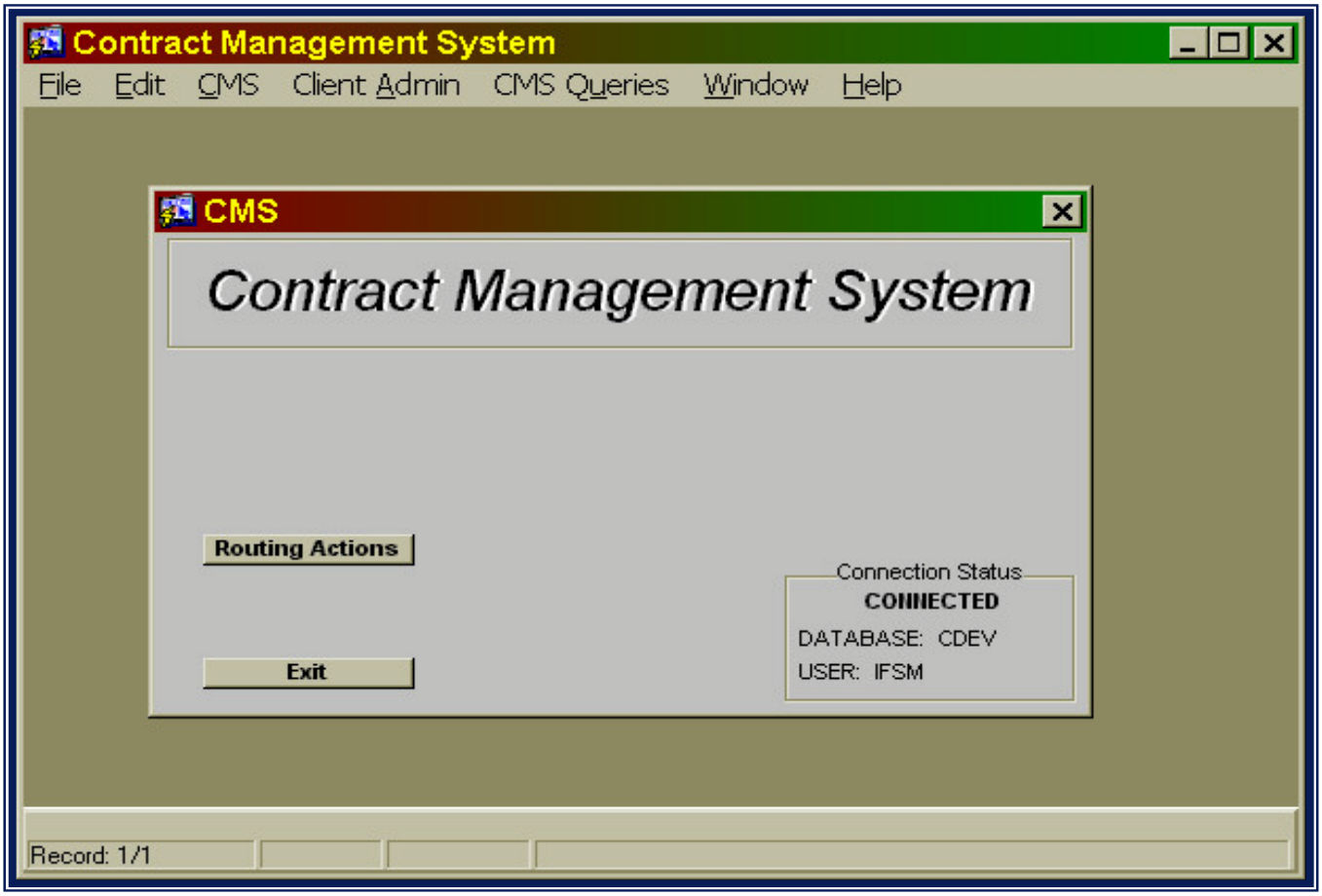
How will this happen? Spatial information provided by the installations will be combined with data from the Integrated Facilities System and other existing data sources to provide this comprehensive picture. For instance, a graphical picture of installation boundaries, roads, and buildings can be combined with Real Property inventory and Installation Status Report condition codes data as one layer. Additional layers, such as training areas, wetlands, communication lines, etc. will be added in this second phase of prototyping.

We are starting with prototyping four installations to determine what level of detail is necessary and possible to provide for each installation. Not all layers may be available for every installation.

A data model will be created that can be a template for an installation just beginning a GIS effort or wanting to have potential upward reporting requirements in place.

POC: Miriam Ray is the Project Manager for the Installation Executive Information System. She is an Industrial Engineer, in the IFS Management Team, Program Integration Office, ACSIM Plans and Operations Division, 757-220,1061.

Jeri King is a Program Analyst for the IFS Management Team, Program Integration Office, ACSIM Plans and Operations Division, 703 428-7947.



Contract Management System (CMS) – What's Next?

By Ken Ralph

Many of you have already received the first completely new software package from the IFS community since IFS-M was deployed in 1989. It was released with IFS System Change Package (SCP) 13 and is entitled the Contract Management System. CMS is packaged separately from IFS but it is fully integrated and uses the latest Oracle features to give it a fresh look and feel. CMS facilitates the development and management of contracted projects from cradle to grave, provides a host of capabilities for the project manager and DPW personnel charged with oversight of the project approval and acquisition process.

If you are unfamiliar with the features of CMS, an overview and handbook are available on the IFS web site at http://www.sdcl.lee.army.mil/Products/IFS/default.asp. CMS classroom training is also available through the Huntsville Professional Development Support Center (PDSC). For information concerning course offerings or to arrange on-site training, contact the PDSC registrar at 256-895-7421.

CMS was created through a partnership between the Huntsville Engineer Center and the Fort Lewis DPW This partnership has been extended with the intent of expanding the capabilities and reach of CMS beyond those in the core system. CMS was developed using the principle of best business practices as applied at Fort Lewis. The objective was to create a single DPW management tool and point of entry/access for all information related to contracted projects. With this in mind, CMS users can expect additional features to be added to the product in future IFS SCPs.

Some of the features planned for the future include:

- An interface with the Procurement Desktop Defense (PD2) to send purchase request data electronically from CMS. The objective is a single DPW point of entry for procurement related data.

- An interface with the Defense Commitment Accounting System (DCAS) for contract commitments. Again the objective is a single DPW point of entry for contract related accounting data.

(Continued on page 4)

(Continued from page 3)

- Expansion of Multiple Award Task Order Contract (MATOC) management capabilities to include visibility of all tasks awarded to each contractor under the contract.

- The capability to charge in-house labor directly to packages as well as to Functional Area Assessment (FAA) tasks. This includes the ability to allocate cost amongst several Work Requests and facilities accomplished with a single procurement package.

- A submittals tracking capability similar to the Corps register.

- A re-usable approval checklist to include events, point of contact, completion date and comments.

- Automatic generation of Non-Conformance Inspection Reports.

- Expanded warranty processing to include the ability to link service calls to general and extended warranties when relevant and electronically forward them to the responsible contractor. Maintaining status on warranty requests and generating automatic e-mail of late notices will be built in.

- An invoice management function.

- A contract closeout function that will allocate the final contract cost among facilities and provide DD 1354 related data to the real property officer.

- Credit card information that will facilitate purchase decisions under both micro and master agreement acquisitions.

We are interested in hearing from DPW personnel concerning their experience with CMS. Suggestions for improving CMS functionality or extending its capabilities are welcome. Please address your comments to Mr. Ken Ralph at 804-734-2631 or via E-mail at ralphk@sdcl.lee.army.mil.

Ken Ralph is a Management Analyst and works for the IFS Systems Team, Fort Lee, Program Integration Office, ACSIM, Plans and Operations Division.

By Edward Ring

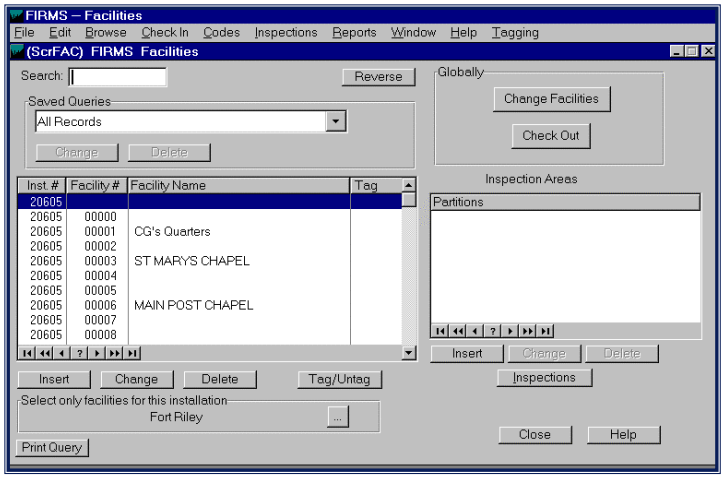
Supply 2000 is now operating at 91 installations worldwide. During the past year Supply 2000 has allowed the Engineers' Stock Record Activity (SRA) to be transitioned from the Army Working Capital Fund (AWCF), sometimes called the Stock Fund, to Operation and Maintenance, Army (OMA) funding. This was accomplished by creating new Document Identifier Codes (DIC) to signal IFS Job Cost Accounting that these transactions are OMA funded. This allows IFS Job Cost Accounting to send material costs to the Standard Army Financial System (STANFINS). In addition Supply 2000 will allow a direct interface into STANFINS for any customer/troop unit not using IFS Work Orders to issue DPW controlled material.

Supply 2000 has created an estimating Bill of Material (BOM) module to be used by the planner/ estimators. This capability is being deployed to and used in USAREUR. The BOM module uses the Supply 2000 stock and catalog tables thereby eliminating the estimator's stock catalog. The Supply 2000 stock and catalog search tool is state of the art and allows the planner/estimator to search on description, Federal Supply Class (FSC) or nomenclature. This module will enhance the changes being planned for SCP 14.00. WinEst may not be fielded in SCP 14-00. To view some of the BOM screens go to the web site http://www.logdata.com and click on BOM Estimates.

Supply 2000 will be transitioned to a new version of Oracle runtimes Oracle Forms/Reports Developer 6i, Release 2, New CDs will be sent to all sites in the near future. Once the transition is completed, all Supply 2000 Modules will be on Supply 2000, Version 4.0. Many sites are now installing Client PCs with the Windows 2000 operating system. Supply 2000 is completely compatible with Windows 95, 98, NT and Windows 2000.

For information or questions on anything concerning Supply 2000 contact us at 804 526-1100.

Edward L. Ring is Vice President of Logistics Data Resources developer of Supply 2000.



FIRE INFORMATION RESOURCE MANAGEMENT SYSTEM (FIRMS)

By Jim Asbury

The current FIRMS baseline (version 1.5) is operational in the field but is limited to its original capabilities as developed by Fort Carson and it's software contractor. In November, 2000, a CD was produced by the IFS Office and mailed to Army Fire Departments in an attempt to standardize baselines.

FIRMS was originally developed in DOS and over time ported by modules to the Windows environment. The software contractor used different versions of the Clarion programming language as it developed and broadcast the systems modules. This has made it impossible to maintain and update in its current form. The FIRMS system uses .dat files for its database and functions as a single-user system. The query capability in FIRMS also is extremely limited. A review/ comparison of FIRMS and Commercial-Off-the-Shelf (COTS) systems was conducted in May, 1998 by members of the Army's Fire and Emergency Services Task Force. The FIRMS system was selected as the best overall software for the Army's use. Since that time, technologies and applications have advanced significantly.

What's Planned for the Future

Three alternatives exist for the future of FIRMS. The alternatives are status quo, redesign/re-write of application or purchase of COTS. Status quo would mean that FIRMS could only be maintained "as is" without enhancements or major fixes. As known, the current FIRMS system needs to be modernized to make it user friendly, multi-user, and maintainable (redesign and build using modern program tools such as ORACLE.) Before this can be accomplished regulations required that a review be done of available systems (both commercial and government) to insure best fit. (AR 25-1 dated 15 February 2000. Paragraph 6-23 states: "COTS products or existing Government-off-the-shelf (GOTS) software applications will be preferred to funding new application development. The suitability of COTS or GOTS applications for satisfying operational requirements will be evaluated prior to initiating a development effort. Evaluation should include not only identification of COTS or GOTS products that can satisfy DoD, Army or system-specific requirements, but also an assessment of the likelihood that the product or subsequent versions of the product will be available and supported throughout the system life span.) In order to comply with the directive, a review was performed 27-29 March, 2001, at Fort Lee, VA by the Army Fire and Emergency Services Automation Task Force.

The software packages were evaluated against 259 required performance elements. The scores follow:

FIRMS (as rebuilt)	259
Firehouse	221
Fire Programs	202
Emergency Software Products	134
Fire Ease	124

The Army Fire and Emergency Services Task Force recommended the following:

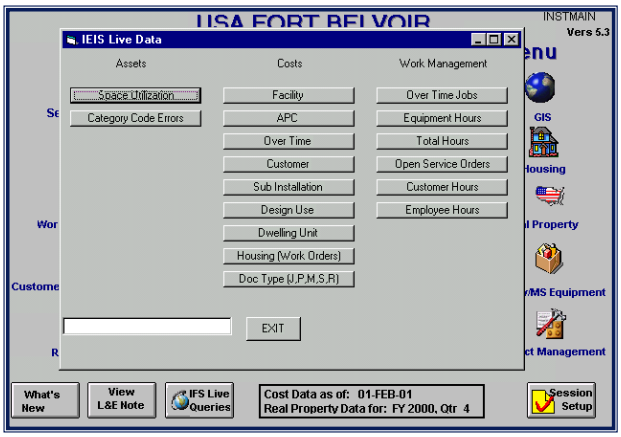
1. Continue to use FIRMS as the primary software for U. S. Army Fire and Emergency Services.
2. Make necessary fixes to the FIRMS programs using the prior contractor.
3. Have the prior contractor finish programming the Departmental Manage module.
4. Change the FIRMS programming to ORACLE and ensure an interface with IFS is incorporated.

Jim Asbury is an Automated Engineering Systems Specialist working in the IFS Systems Team, Fort Lee, Program Integration Office, ACSIM Plans and Operations Division, 804 734-0230.

IEIS Updates FY 01

By Miriam Ray

The Installation Executive Information System has undergone several updates that will allow users to have greater control over the data they are selecting to view. Some of the new features users can now take advantage of include the following:

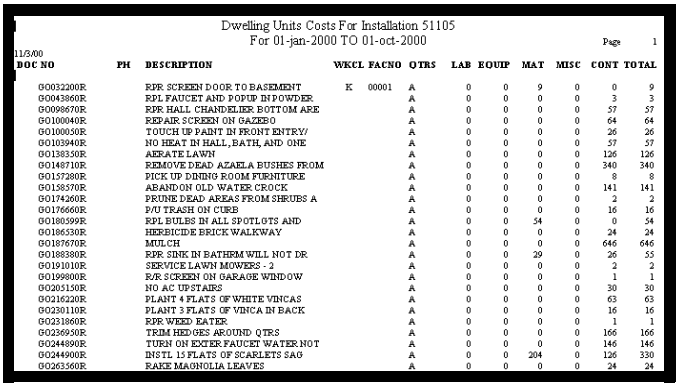


LIVE QUERIES:

Live queries have been re-written in a more "user-friendly" format. These queries allow DPWs to view their data in real-time. The new format also displays corresponding graphs and allows for the entire screen and/or data to be easily exported to some of the more commonly used applications such as Microsoft Word, Excel, Lotus, etc. Some of the new live queries available include:

Dwelling Unit Costs: Displays the work documents and related cost for a Specific family housing Dwelling unit or facility for the time period selected.

Housing Costs: Displays Family Housing Work Orders for the time period selected. Query results can be displayed by work class code (J, K, L and M) or by element of resource (civilian labor, supplies, contract, etc).



Dwelling Units Costs For Installation 51105
For 01-jan-2000 TO 01-oct-2000

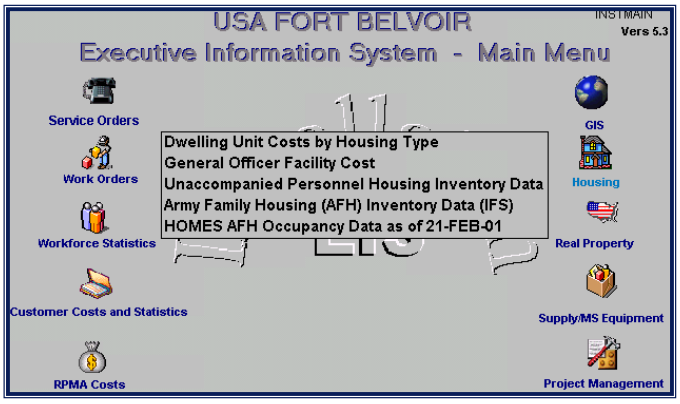
Page 1

11/3/00

DOC NO	PH	DESCRIPTION	WKCL	FACNO	QTRS	LAB	EQUIP	MAT	MISC	CONT	TOTAL
G0032200R		RPR SCREEN DOOR TO BASEMENT	K	00001	A	0	0	9	0	0	9
G0043860R		RPL FAUCET AND POPUP IN POWDER			A	0	0	0	0	3	3
G0098670R		RPR HALL CHANDELIER BOTTOM ARE			A	0	0	0	0	57	57
G0100040R		REPAIR SCREEN ON GAZEBO			A	0	0	0	0	64	64
G0100050R		TOUCH UP PAINT IN FRONT ENTRY/			A	0	0	0	0	26	26
G0103940R		NO HEAT IN HALL,BATH, AND ONE			A	0	0	0	0	57	57
G0138350R		AERATE LAWN			A	0	0	0	0	126	126
G0148710R		REMOVE DEAD AZAELA BUSHES FROM			A	0	0	0	0	340	340
G0157280R		PICK UP DINING ROOM FURNITURE			A	0	0	0	0	8	8
G0158570R		ABANDON OLD WATER CROCK			A	0	0	0	0	141	141
G0174260R		PRUNE DEAD AREAS FROM SHRUBS A			A	0	0	0	0	2	2
G0176660R		P/U TRASH ON CURB			A	0	0	0	0	16	16
G0180599R		RPL BULBS IN ALL SPOTLGTS AND			A	0	0	54	0	0	54
G0186530R		HERBICIDE BRICK WALKWAY			A	0	0	0	0	24	24
G0187670R		MULCH			A	0	0	0	0	646	646
G0188380R		RPR SINK IN BATHRM WILL NOT DR			A	0	0	29	0	26	55
G0191010R		SERVICE LAWN MOWERS - 2			A	0	0	0	0	2	2
G0199800R		R/R SCREEN ON GARAGE WINDOW			A	0	0	0	0	1	1
G0205150R		NO AC UPSTAIRS			A	0	0	0	0	30	30
G0216220R		PLANT 4 FLATS OF WHITE VINCAS			A	0	0	0	0	63	63
G0230110R		PLANT 3 FLATS OF VINCA IN BACK			A	0	0	0	0	16	16
G0231860R		RPR WEED EATER			A	0	0	0	0	1	1
G0236950R		TRIM HEDGES AROUND QTRS			A	0	0	0	0	166	166
G0244890R		TURN ON EXTER FAUCET WATER NOT			A	0	0	0	0	146	146
G0244900R		INSTL 15 FLATS OF SCARLETS SAG			A	0	0	204	0	126	330
G0263360R		RAKE MAGNOLIA LEAVES			A	0	0	0	0	24	24

Users can submit additional query requests for inclusion on this screen.

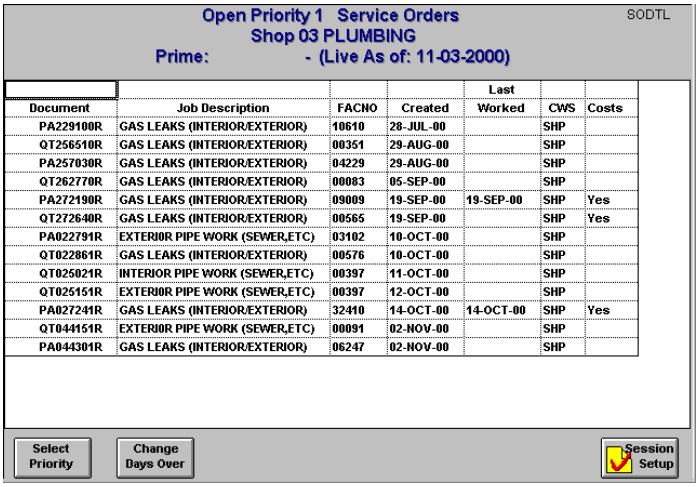
Family Housing:



A new ICON has been added to the Housing area that displays detailed family housing information.

Many installations have expressed a need for additional AFH data to support several on-going housing initiatives. New screens include the following information at the summary and dwelling unit level: **Army Family Housing Cost - By work-class, EOR and document number**

AFH Open Documents: Connects to the installation's IFS database and displays all the open work documents for the selected facility/quarters. Display includes the description, current work status,



Open Priority 1 Service Orders
Shop 03 PLUMBING
Prime: - (Live As of: 11-03-2000)

SODTL

Document	Job Description	FACNO	Created	Last Worked	CWS	Costs
PA229100R	GAS LEAKS (INTERIOR/EXTERIOR)	10610	28-JUL-00		SHP	
QT256510R	GAS LEAKS (INTERIOR/EXTERIOR)	00351	29-AUG-00		SHP	
PA257030R	GAS LEAKS (INTERIOR/EXTERIOR)	04229	29-AUG-00		SHP	
QT262770R	GAS LEAKS (INTERIOR/EXTERIOR)	00083	05-SEP-00		SHP	
PA272190R	GAS LEAKS (INTERIOR/EXTERIOR)	09009	19-SEP-00	19-SEP-00	SHP	Yes
QT272640R	GAS LEAKS (INTERIOR/EXTERIOR)	00565	19-SEP-00		SHP	Yes
PA022791R	EXTERIOR PIPE WORK (SEWER,ETC)	03102	10-OCT-00		SHP	
QT022861R	GAS LEAKS (INTERIOR/EXTERIOR)	00576	10-OCT-00		SHP	
QT025021R	INTERIOR PIPE WORK (SEWER,ETC)	00397	11-OCT-00		SHP	
QT025151R	EXTERIOR PIPE WORK (SEWER,ETC)	00397	12-OCT-00		SHP	
PA027241R	GAS LEAKS (INTERIOR/EXTERIOR)	32410	14-OCT-00	14-OCT-00	SHP	Yes
QT044151R	EXTERIOR PIPE WORK (SEWER,ETC)	00091	02-NOV-00		SHP	
PA044301R	GAS LEAKS (INTERIOR/EXTERIOR)	06247	02-NOV-00		SHP	

Select Priority | Change Days Over | Session Setup

(Continued from page 6)

approval indicator, the creation date, and any actual costs.

DPW Management Data:

Credit Card Cost: Displays of the total credit card obligations for the time period selected are displayed. Costs are broken down by shop, document type, and element of resource for purchases of supplies and services.
Shop Stock Charges: This screen displays the current shop stock rate and suggested rate for each shop. Shop stock plays an important role in the overall charges to reimbursable customers.
ISR: The ISR report for FY 1999 as submitted by the installations is available on-line via IEIS. This screen shows the ISR quality, quantity and overall rating by FCG and facility. ISR sustainment cost is displayed with the actual cost (from IFS) that could be related to that FCG.
Service Order Data: Service Order information is by far one of the more requested areas in IEIS. Several of the screens in the service order area have been enhanced with a "Retrieval Options" button. With this option, the user can include or exclude selected customers, shops, and/or statuses. This flexibility allows the users to "customize" the data displays with their own applied filters. Also in the service order area, drill down capability has been expanded to allow users to drill down to the actual work documents. For example, managers can not only see how many service orders are backlogged for each shop, but they can further drill down to see the actual service orders that are backlogged, their location, status, etc.
Work Orders: Several enhancements in the work order area have been added to help with workload analysis and trending. One example is users can see the time a work order spends in estimating, at the shop, in supply, etc. and provides average times.

External Interfaces:

IEIS now interfaces weekly with the Housing Operations Management System (HOMES). Users can get up-to-date in formation on dwelling unit availability and status.

Future FY 01 Plans

Integrate Geospatial Data. Installation base level maps will be incorporated via the GIS-R initiative to provide a spatial view and query capabilities of existing data. This effort will include integrating facilities, range, and environmental, and communication data from both spatial and non-spatial databases.

Incorporate analysis capabilities via the Pilot Analysis Server's Multi-dimensional database.

Upgrade USAREUR Winframe (3.51 interface) server to Windows Terminal server (4.0 interface). Allows opportunities for web access.

Upgrade USAREUR database to Oracle 8i and Pilot Decision Support Suite to Version 6.0. This will provide better remote administration and enhanced user interfaces.

All of the current enhancements are available on the CONUS server only. The USAREUR server operating system and database version must be updated before they can see changes. This upgrade is currently scheduled for June.

Miriam Ray is the Project Manager for the Installation Executive Information System. She is an Industrial Engineer, in the IFS Management Team, Program Integration Office, ACSIM Plans and Operations Division, 757 220-1061.

IFS Web Site

- Instructions for SA e-mail distribution list
- SCP13.01 announcement
- EIS pages http://ifs.sdcl.lee.army.mil/eis/eis.htm
- Coming soon
  - –Dedicated web server http://ifs.sdcl.lee.army.mil
  - –CAT Code Change
  - –ECP database

REQUIREMENTS FOR DITSCAP SITE & TYPE ACCREDITATION

By Mora Parmele

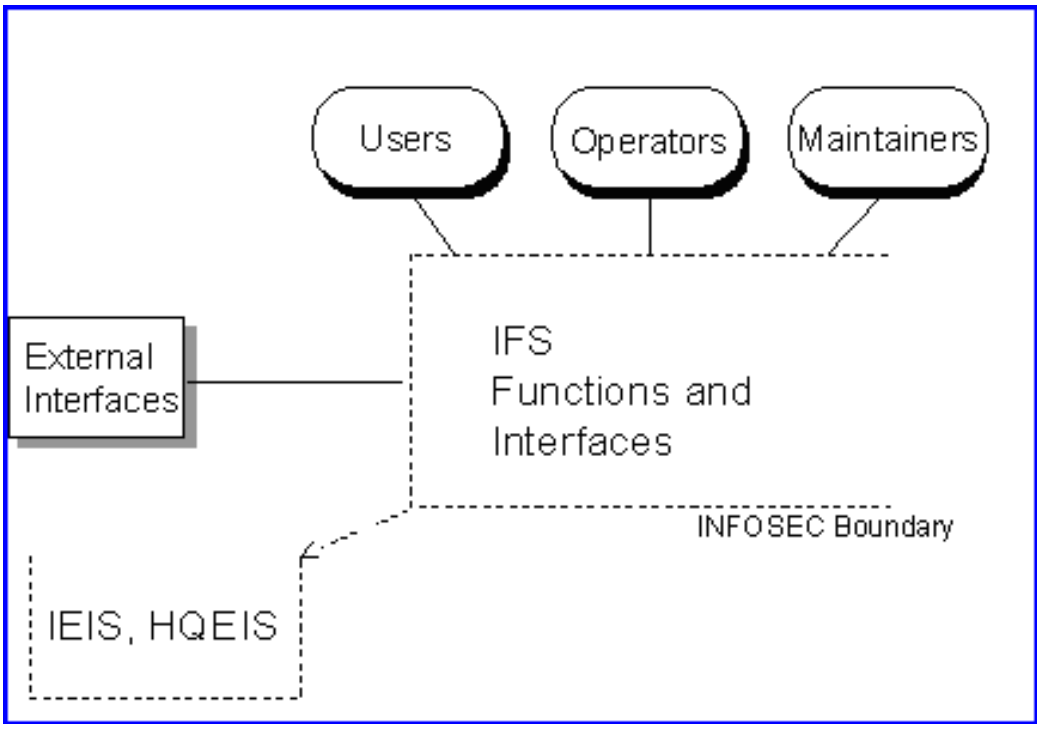
The Department of Defense (DoD) Information Technology Security Certification and Accreditation Process (DITSCAP) is the standard certification & accreditation (C&A) process for any DoD automated information system, including stand-alone personal computers, connected systems, and networks. The process assures that the level of protection provided to information is based on the value of the information to the mission of the agency and the information system resources. The DITSCAP takes a life-cycle approach in four phases:

- Definition, which establishes the mission, environment, architecture, threat, and level of effort
- Verification, which documents compliance of the system with security requirements
- Validation, which includes activities to assure that the system in its specific environment and configuration provides an acceptable level of residual risk
- Post Accreditation, which includes activities to monitor management, configuration, and changes to the operational and threat environment

The IFS and its related systems, HQEIS and IEIS, are in the Validation phase of accreditation, which involves testing of security requirements and a determination of risks and measures to minimize those risks. These systems are seeking a "type" accreditation, which accredits identical copies of a system in a specified environment with a Certification Test and Evaluation (CT&E) plan and procedures. Operational sites will be provided this type accreditation documentation and a set of "templates" that can be used to validate the operational configuration of IFS. As part of the templates, a Security Test and Evaluation (ST&E) plan and procedures are included to test the aspects of the IFS that are not covered in a type accreditation, e. g., site-specific policies and physical security requirements. If required security-relevant documentation does not exist, the templates also include a generic version that sites can tailor to their needs.

The following are test requirements:

- A set of documentation, to include the SSAA. Operational sites will need to include site-specific documentation (e.g., Trusted Facility Manual, Security Features Users Guide, and other already-existing documentation or customized templates).
- Presence of the system administrator and database administrator (some tests also require a user representative). Sites will also need the presence of the System Security officer or Security Manager, and the designation of an operational DAA.
- Presence of a monitor to oversee the test execution and verify the results.
- Test procedures will not include penetration testing or intrusive testing such as a password cracking program.
- For specific requirements, see the SSAA documentation (CT&E in Appendix G of the SSAA and ST&E in Section 6-6E of the SSAA Template document).



The table on the next page depicts the accreditation requirements for a type vs. a site accreditation.

Moya Parmele works for EDS and is heading the IFS DITSCAP effort.

TYPE	SITE
DITSCAP ROLES & RESPONSIBILITIES	
♦ Program Manager (PM), the lead for all activities with responsibilities for cost, schedule, and performance for both type and site DITSCAP requirements. ♦ Designated Approving Authority (DAA), the senior official responsible for assuring that the system is operates in a specified security mode, using specified safeguards, at an acceptable risk level. ♦ Development DAA (DDAA), the senior official who, during design modifications, assures that security is implemented and profides an Interim Approval to Operate (IATO) for major modifications. The DDAA provides a period for operational and security testing of the modifications. ♦ Certification Authority (CA) supports the DAA by evaluating the security features of the system and recommends whether to accredit the system. ♦ User representative defines the system mission and functionality and represents the user's interests throughout development, modification, integration, acquisition, and deployment.	♦ Operational DAA (ODAA), the senior official who ensures safeguards are implemented and maintained, identifies interfaces not described in the SSAA, establishes MOAs/MOUs with DAAs of external information systems connected to the site IFS, identifies security deficiencies, ensures that an Information System Security Officer (ISSO) is named in writing for the IFS, require that the IFS security education and training program be in place, and maintains life-cycle security responsibility for IFS upgrades. ♦ Certification Authority (same duties as type CA). ♦ User representative (same duties as type user representative).
TESTING	
♦ The Certification Test and Accreditation (CT&E) will occur at the Ft. Lee facility and also at one of the operational sites. ♦ Testing will be coordinated with the Program Manager and scheduled with an independent tester. The test team will prepare a certification report, a categorized list of findings, a recommendation for resolution of the findings, and a recommendation in support of an accreditation decision from the DAA.	♦ The Security Test and Evaluation (ST&E) confirms the system installation and security configuration, but need not repeat tests of common system components covered in the CT&E. ♦ Testing will be coordinated with the site DAA and Information System Security Officer (ISSO). The testing will cover site-specific security concerns. Sites will need to request an IATO to allow time for testing and documentation of results.
DOCUMENTATION	
♦ SSAA for a specified configuration, an intended operating environment, and any restrictions or operating procedures. ♦ Completion of the Minimum Security Checklist.	♦ Confirmation that the specified configuration, operating environment, and procedures are present. ♦ Documentation of differences in configuration, operating environment, and procedures. ♦ Testing of differences. ♦ Completion of those parts of the Minimum Security Checklist that are site-specific.

Public Works Automation
Making Bold Moves into the Future

By Tony Vajda

General business trends occurring in the directorates of public works (DPWs) and other Army agencies are driving the need for change in business process and automation support related to Army installation public works.

In part, as a result of Federal policy and guidance set forth by the Office of Management and Budget (OMB) circular No. A-76, "Performance of Commercial Activities," most DPWs have experienced a steady decline in federal personnel and accompanied loss of institutional knowledge during the last several years. This trend is likely to continue as more DPW recurring commercial activities are operated via contract.

As the need for improved capabilities for decision support and business process improvement increases, corporate knowledge is becoming increasingly important.

Although the structure of public works organizations will vary dramatically in the future, the types of public works services should remain the same. As more DPW operations are outsourced, the nature of work for many DPW employees will likely change with more contract management, real property accountability, utilities and database management.

With the change in the workforce from in-house to contract, we will need to re-evaluate the current information management systems from the bottom up as to what they are used for and why. We will need to change reporting requirements to:

- Provide the minimal amount of information required to meet public law.
- Support decision making.
- Provide quantitative, defensible methods for setting and managing budgets.
- Link the facilities discipline to support the strategic mission.
- Ensure that the government is getting a return on investment.

Reporting Requirements

- **Reporting requirements will be changed to**
  - **Provide minimal amount of information required by Public Law**
  - **Support decision making**
  - **Provide methods for setting and managing budgets**
  - **Link facilities discipline to strategic mission**
  - **Ensure government is getting a return on investment**

These changes will provide DPWs with an information system that generates products and services that are timely, reliable, relevant and tailored to each user's needs. The products will come from systems that are not only secure and redundant, but also transportable, adaptable and capable of handling vast amounts of data. The systems will be intuitive enough for DPWs, garrison commanders, DA Staff, and craft workers or technicians to use.

Installations will have a multitude of service contracts with commercial services providers such as Roto Rooter, Sears (Service Center), EDS, Honeywell, Siemens, Orkin, Terminex, IBM and Oracle. Maintenance and repair and service requests for everything will go through a single automated system that will direct the caller to the appropriate service area.

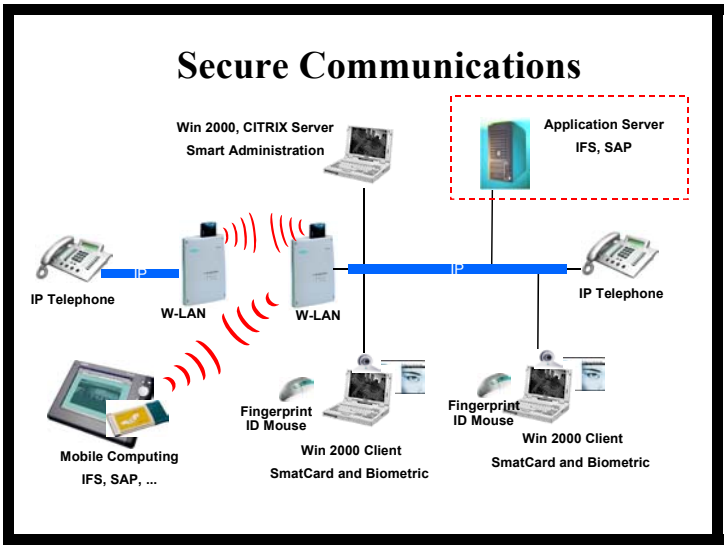
DPW systems operations for legacy systems will be consolidated at regional sites or at one central processing center, reducing the requirement for systems and database administrators. Cost-effective connections between the DPW and its database, located at the central processing center, will come via the Internet. Placing property database management, master planning and CADD/GIS support at the regional support locations will gain significant economies of scale.

Databases containing extremely similar data utilized by different organizations will be considered for consolidation. Distributed spatial information and related enterprise data in decision support applications will be available over the Internet.

(Continued on page 11)

It is now possible to develop targeted end-user applications using systems that leverage the Army's investment by maximizing the benefits of integrating spatial data into an enterprise-level repository for decision support. This common repository will offer a portal through which HQDA, MACOMs and installations will be able to extract useful planning information about Army installations.

In order to provide reliable, cost-effective facility management software for the Army installations of the future, commercial off-the-shelf (COTS) software will be used wherever possible. Private industry is currently moving towards a grouping of COTS that assist in Enterprise Resource Planning (ERP). ERP encompasses all decisions related to an organization, including personnel management, financial management and facilities management.
An enterprise-wide service contract environment providing system integration will allow easy movement of information between contractor off-the-shelf systems and existing government systems or remaining portions of those systems. Using an enterprise integrated business technology solution with a single point of accountability, there will be no finger pointing when it comes to troubleshooting and no "it's the other guy" when it comes to responding to ad-hoc needs.



Requirements for communications will include a virtual network with near instant connectivity to almost any user in almost any place. Traditional narrowband (voice) and wideband (data) internetworking will be joined by "broadband." Broadbands will be needed for image transfer, videophone and high-definition video teleconferencing.

We will follow in this direction to bring real-time information into the hands of decision makers and automatically update the information in system displays such as the Geographic Information System Repository or Executive Information System.

Communications networks will require smart automated management systems that can recognize their customers, perform security checks on authorized access levels and know where to connect to retrieve the requested data. We will use new technologies such as smart cards and biometric devices to insure data security on a need-to-know basis.

The goal is to create a seamless, end-to-end process where dynamic interfaces coexist among mission planners, collection resources, producers, users, experts and databases.

A significant paradigm shift in organizational cultures and partnerships must occur to ensure optimization and maximum utilization of these technologies. The shift must knock down stovepipes within and across sectors, transforming archaic command and control vertical structures into new lateral and integrated partnerships.

Since cultural change is slow to evolve, the challenge for achieving information dominance must begin today. Accomplishing this paradigm shift calls for new leadership practices, modern management techniques, and improved education in how organizations and people cooperate, interact, and function. Success depends on leaders who dare to be bold today.

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SCP 14

By Peggy Brennan

System Change Package 14-00 will bring several changes in both the Real Property area and the Contract Management System.

The Real Property function will be changed as follows:

- First, there will be the addition of a stored query, similar to the Inventory of Real Property Report. The data will be sorted by Functional Category Group (FCG). Access to this query will allow installation personnel to view their installation's data in the same format as HQDA and make it easier to respond to data verification/requests from their MACOM and/or HQDA.

- The ability to add multiple methods of disposal has been deleted from the Method of Disposal Table and additional codes for methods of disposal have been added. The system will now accept only one disposal method for a facility.

- An optional "HUD Determination Code" has been added to the Disposal screen.

- In order to store and report the Project Work Order or Contract Number associated with each disposal, the "Project Number" field has been expanded to 20 characters.

- The HUD Property Number field, on the RPF Disposal table, has been extended to eleven (11) characters. This change is necessary to allow for a 4-digit year required by HUD.

- A new functional area has been created in IFS for Cultural/Natural Resources. This module will be accessed through the IFS Main Menu. Cultural/ Natural Resources managers will use this module to manage historical facilities. This module will use data from the real property functional area, along with the addition of some new data elements applicable to this new area.

Many of the Real Property changes were funded with money previously provided by the Army Materiel Command.

The Contract Management System (CMS) is being modified to provide the following new functionality:

- Users will be able to attach and view files of any type (e.g. MS Office, Pictures, CAD, etc.) to a Procurement Package, Line Item, Case or Modification. This will facilitate maintaining a complete set of project documentation in CMS.

- Refresh buttons will be added to each screen containing tabs, thus eliminating the need to re-query each time data is updated on one or more of the tabs.

- A spell checker is being added that may be applied to any text field such as descriptions or remarks.

- New functionality is being added that will enable project managers and other action officers to easily locate and toggle to any project/package they have been assigned to work on.

- The Package ID will be automatically filled when adding new line items, cases or modifications to expedite the entry of information.

- Additional navigation capabilities are being added to the Project Approval and Financial Direction screens that will enable users to go directly to related Work Requests and Packages.

- Pull down List of Values boxes are being added to screens, enabling selections to be made while in a query mode. This will enhance the ability to find specific information about packages, contractors, individuals, etc., without knowing any of the key values.

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- Real Property Inventory
- RP Category Codes
- RPLANS
- Installation Status Report
- Facility Planning System
- Base Structure Report
- Plant Replacement Value
- Installation Tracking System
- EIS GIS
- CFO Act
- Range Rule
- Lease Data
- Utilization Policy
- Space Planning Criteria
- CADD/GIS Technology
- SBC
- Facility Degradation Model
- Infrastructure Readiness Rpt

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- Info Systems Security
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